Mediasonic

8X

8-bay Home-Use / non-RAID
3.5" SATA HARD DRIVE

Quick Installation Guide

Version 1.1

Online forum
http://forum.mediasonic.ca/

STEP 1 Brief Notes

● Operation System

Windows Vista(32bit/64bit) / Windows 7(32bit/64bit)
(under MBR partition, supports total capacity up to 2TB only)

Windows Vista (32bit/64bit) / Windows 7 (32bit/64bit)
(with GPT partition enabled, supports total capacity of more than 2TB)

Macintosh 10.5 or later

● Operation Environment

Temperature 0 ~ 50 °C Humidity 90 % RH

● References

1. Smart fan controlled by the built-in thermal sensor and it comes with 2 modes (auto / manual) and 3 levels of speed:

Level 1:	higher than 55 °C	2,500rpm ~ 3,500rpm
Level 2:	45 °C ~ 54 °C	1,800rpm ~ 2,500rpm
Level 3:	below 45 °C	1,200rpm ~ 1,800rpm

2. Support USB transfer speeds of Low speed (1.5Mbps), Full speed (12Mbps), High Speed (480Mbps), Super Speed (5Gbps), eSATA transfer speed (1.5~3.0Gbps)

3. Interface of USB / eSATA can not be used at the same time.

4. Under Windows Vista / 7, users can enable GPT when initializing HDD with a total capacity of more than 2TB.

STEP 2 Reminders

- Follow all instructions.
- Do not place this device near water.
- Clean only with dry cloth.
- Do not block any ventilation openings.
- Install in accordance with the manufacturer's instructions.
- Do not place near any heat sources such as radiators, heat registers, stoves, or the devices (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the devices.
- Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon them or against them.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the devices has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the devices, the devices has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Carefully read and follow the Quick Install Guide and User Manual.
- Do not drop or shake the device.
- Do not move the device when it is powered on.
- Do not overload wall outlets.

STEP 3 Front Panel Overview

● LED Indication / Button

Descriptions

1. Power button It needs to be pressed and **held** for 3 seconds to power off.
❗ This design prevents accidental power off.

2. eSATA Link interface use

3. USB Link interface use

4. Blue Power on
Orange Sleep mode

5. eSATA Link interface option

6. USB Link interface option

7. Smart Fan automatic mode

8. Smart Fan manual mode

9. Fan speed level 1

10. Fan speed level 2

11. Fan speed level 3

12. Synchronization comes in 3 modes:

Blue	When the PC is off, the device goes off In 15 seconds.
Orange	When the PC is off, the device goes to sleep mode.
Off	Synchronization is off.

13. Interface button

14. Synchronization mode button
It needs to be pressed and **held** for 3 seconds to power off.
❗ This design prevents accidental power off.

15. Smart fan button : auto, manual and fan speed from level 1 to level 3

16. HDD1 / HDD2 / HDD3 / HDD4 / HDD5 / HDD6 / HDD7 / HDD8
Blue active
Purple access

17. Key slot

STEP 4 Rear Panel Overview

● **Rear Panel**

Descriptions

1. Fan
2. eSATA port
3. USB 3.0 / USB 2.0 port
4. AC Input port

● **HDD Handle**

● **Keys**

STEP 5 Quick Installation Guide

1. Please use the provided screws to secure the handles to the HDDs.

2. Unlock the cover with the key supplied and press the curricular depression to open the cover.

3. Release the inner covers.

4. Install the HDDs from up to down.

5. Close and secure the covers.

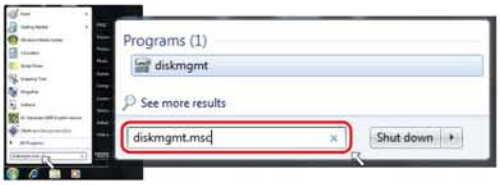
6. Plug in USB or eSATA cable

ⓘ USB interface is the default setting and if users wish to change to eSATA, press and **hold** "Interface" for 3 seconds.

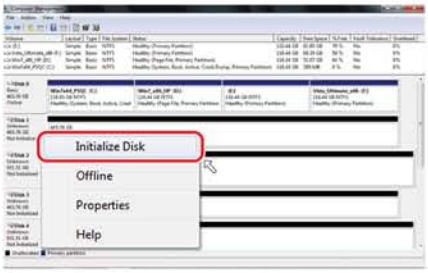
STEP 6 Initialization

Windows Vista (32/64 bit) / Windows 7 (32/64 bit)

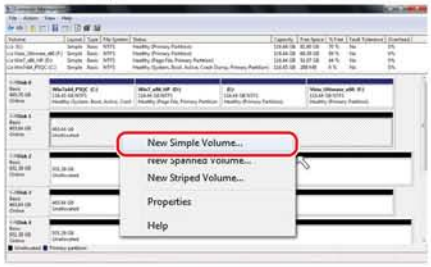
If the HDD is uninitialized, you may have to initialize it by doing steps as followed: At first click "**Start**" "**Execute**" at your PC and key in "**diskmgmt. msc**". After that please press "OK" key.



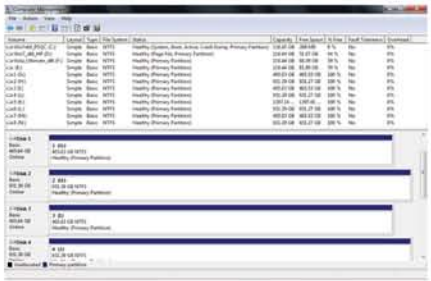
1. Start disk initialization.



2. Create new partition and format disk.



3. HDD format completed



Start disk initialization.

Note: Please enable GPT if the total capacity is more than 2TB and enable MBR if the total capacity is less than 2TB.

Activate MBR if total volume is less than 2TB

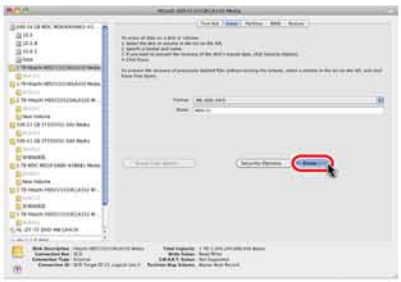
Activate GPT if total volume is more than 2TB

Macintosh O.S. 10.6.6 or later

1. Click Disk Utility icon.

2. HDD initialize...

3. Click Erase



4. Click Erase

Are you sure you want to erase the disk "Hitachi HDS721010KLA330 Media"?
Erasing a disk deletes all data on all its partitions.
This disk has 1 partition: "disk1s1"
Cancel
Erase

5. HDD format in process

6. Format completed

STEP 7 Trouble Shooting

1. If the device (8 HDDs installed) is connected to the PC with eSATA cable and the SATA HDD icon does not come out in 8, please check if the eSATA interface card supports Port Multiplier or update the eSATA driver version.

2. If the transfer rate is not normal, please check if the SATA HDD jumper is set up in 1.5 or 3.0Gbps.

3. For Macintosh users, under MAC 10.6.X or later, it's strong recommended not to have the same name for all the HDDs.

4. For Windows users, if the device could not recognize more than 5 HDDs when using eSATA interface, please check if the eSATA port of the motherboard and PCI-e host card can recognize more than 5 hard drives.

5. If there is noise with the fan, unscrew and take out the fan cover, pull out the power cord, clean the fan and assemble it back.

6. If the noise is still present, change the device with another fan of size 80x80x20mm 2 pins. Otherwise send the device back to the retail store.

7. If the fan stops working, do not dismantle it. Please send back to the retail store immediately.

8. To take the HDD out from the device, slightly press down the handle and pull it out.